

Summary

In a method for structuring the surface of a synthetic fiber, a substantially cylindrical fiber (2) is provided with a predefined surface structure (38, 38a, 38b) by means of plastic deformation. A fiber (2) that is supplied in a plastically deformable state is plastically deformed in an embossing process by means of a micro-lithographically structured embossing roller (28) having a maximum structural fineness of 10 μm and is then transferred into a rigid state while the created surface structure (38, 38a, 38b) is maintained.

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(Fig. 6)